

=> e deluca hector/in

E1	1	DELUCA GUY/IN
E2	1	DELUCA GUY A/IN
E3	1 -->	DELUCA HECTOR/IN
E4	3	DELUCA HECTOR A/IN
E5	240	DELUCA HECTOR F/IN
E6	5	DELUCA HECTOR FLOYD/IN
E7	1	DELUCA JAMES M/IN
E8	2	DELUCA JAMES T/IN
E9	1	DELUCA JAON SABIN/IN
E10	3	DELUCA JOAN/IN
E11	38	DELUCA JOAN S/IN
E12	9	DELUCA JOAN SABIN/IN

=> s e5

L1 256 "DELUCA HECTOR F"/IN

=> s e5-e6

L2 270 ("DELUCA HECTOR F"/IN OR "DELUCA HECTOR FLOYD"/IN)

=> s l2 not py>2000

L3 266 L2 NOT PY>2000

=> s l3(1)(feed or fed)

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L9 (L) (FEED'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L10 (L) (FEED'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L11 (L) (FEED'  
L4 131 L3 (L) (FEED OR FED)

=> s l4(1)phosphor?

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L13 (L) PHOSPHOR?'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L14 (L) PHOSPHOR?'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L15 (L) PHOSPHOR?'  
L5 78 L4 (L) PHOSPHOR?

=> d ti 1-78

✓ L5 ANSWER 1 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN A LOW **PHOSPHORUS** ANIMAL **FEED** CONTAINING 1 -ALPHA-  
HYDROXYLATED VITAMIN D COMPOUNDS.

L5 ANSWER 2 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN 26,28-METHYLENE-1ALPHA,25-DIHYDROXYVITAMIN D2 COMPOUNDS.

L5 ANSWER 3 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN Use of 1-alpha,25-dihydroxy-22(E)-dehydro-vitamin D3 for the  
manufacture  
of a medicament for the treatment of osteoporosis.

L5 ANSWER 4 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN Use of 1-alpha,24(R)-dihydroxy-22(E)-dehydro-vitamin D3 for the  
manufacture of a medicament for the treatment of osteoporosis.

TIEN Use of 1-alpha,24(R)-dihydroxy-22(E)-dehydro-vitamin D3 for the manufacture of a medicament for the treatment of osteoporosis.

✓ L5 ANSWER 5 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN Method of treating milk fever disease in dairy cattle.

L5 ANSWER 6 OF 78 EUROPATFULL COPYRIGHT 2001 WILA  
TIEN 26,27-Dimethylene-1 alpha, 25-dihydroxyvitamin D2 and  
26,27-dihydroxyvitamin D2 and methods for preparing same.  
TIEN 26,27-Dimethylene-1 alpha, 25-dihydroxyvitamin D2 and  
26,27-dihydroxyvitamin D2 and methods for preparing same.

L5 ANSWER 7 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN ANIMAL **FEED** CONTAINING CARBOXYLIC ACIDS  
TIFR ALIMENT POUR ANIMAUX CONTENANT DES ACIDES CARBOXYLIQUES

L5 ANSWER 8 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN 18-SUBSTITUTED-19-NOR-VITAMIN D COMPOUNDS  
TIFR COMPOSES DE VITAMINE D 19-NOR SUBSTITUES EN POSITION 18

L5 ANSWER 9 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN 2-ALKYLIDENE-19-NOR-VITAMIN D COMPOUNDS  
TIFR DERIVES 2-ALKYLIDENE-19-NOR- DE LA VITAMINE D

L5 ANSWER 10 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN 2-ALKYL-19-NOR-VITAMIN D COMPOUNDS  
TIFR DERIVES 2-ALKYLE-19-NOR- DE LA VITAMINE D

L5 ANSWER 11 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN USE OF 19-NOR-VITAMIN D COMPOUNDS FOR THE PREVENTION OF  
HYPERPHOSPHATEMIA IN KIDNEY DISORDER PATIENTS  
TIFR UTILISATION DE COMPOSES DE LA VITAMINE D-19-NOR DANS LA  
PREVENTION DE L'HYPERPHOSPHATEMIE CHEZ LES PATIENTS SOUFFRANT DE  
TROUBLES RENAU

L5 ANSWER 12 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN A LOW **PHOSPHORUS** ANIMAL **FEED** CONTAINING  
1'alpha'-HYDROXYLATED  
VITAMIN D COMPOUNDS  
TIFR ALIMENT POUR ANIMAUX A FAIBLE TENEUR EN **PHOSPHORE** CONTENANT DES  
COMPOSES DE LA VITAMINE D 1'alpha'-HYDROXYLES

② L5 ANSWER 13 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN 26,28-METHYLENE-1ALPHA,25-DIHYDROXYVITAMIN D2 COMPOUNDS  
TIFR COMPOSES DE 26,28-METHYLENE-1ALPHA,25-DIHYDROXYVITAMINE D2

L5 ANSWER 14 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN USE OF 26,26,26,27,27,27-HEXAFLUORO-1alpha,25-  
DIHYDROXYCHOLECALCIFEROL FOR THE TREATMENT OF CALCIUM METABOLISM  
DISORDERS  
TIFR UTILISATION DU 26,26,26,27,27,27-HEXAFLUORO-1alpha, 25-  
DIHYDROXYCHOLECALCIFEROL POUR LE TRAITEMENT DES TROUBLES DU METABOLISME  
DU CALCIUM

L5 ANSWER 15 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
TIEN HOMOLOGATED VITAMIN D2 COMPOUNDS AND THE CORRESPONDING 1alpha-  
HYDROXYLATED DERIVATIVES  
TIFR DES COMPOSES DE VITAMINE D2 HOMOLOGUES ET LES DERIVES DE 1alpha-

# HYDROXYLES CORRESPONDANTS

L5 ANSWER 16 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN COMPOUNDS EFFECTIVE IN INDUCING CELL DIFFERENTIATION  
 TIFR COMPOSES D'INDUCTION D'UNE DIFFERENTIATION CELLULAIRE

L5 ANSWER 17 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 26,26,26,27,27-PENTAFLUORO-1alpha-HYDROXY-27-METHOXYVITAMIN D3  
 TIFR 26,26,26,27,27-PENTAFLUORO-1alpha-HYDROXY-27-METHOXYVITAMINE D3

L5 ANSWER 18 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN VITAMIN D DERIVATIVES AND METHODS FOR PREPARING SAME  
 TIFR DERIVES DE VITAMINE D ET LEURS PROCEDES DE PREPARATION

L5 ANSWER 19 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN VITAMIN D DERIVATIVES AND METHODS FOR PREPARING SAME  
 TIFR DERIVES DE VITAMINE D ET LEURS PROCEDES DE PREPARATION

L5 ANSWER 20 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 1,24-DIHYDROXY-DELTA22-VITAMIN D3 AND PROCESS FOR PREPARING SAME  
 TIFR VITAMINE D3-1,24-DIHYDROXY-DELTA22-ET SON PROCEDE DE PREPARATION

L5 ANSWER 21 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 1alpha-HYDROXYVITAMIN D2 ANALOGS AND PROCESS FOR PREPARING SAME  
 TIFR ANALOGUES DE LA 1 alpha-HYDROXYVITAMINE D2 ET LEUR PROCEDE DE PREPARATION

L5 ANSWER 22 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 23,23-DIFLUORO-1alpha,25-DIHYDROXY-VITAMIN D3  
 TIFR 23,23-DIFLUORO-1alpha, 25-DIHYDROXY-VITAMINE D3

L5 ANSWER 23 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 23,23-DIFLUORO-25-HYDROXY-VITAMIN D3 AND PROCESS FOR PREPARING SAME  
 TIFR 23,23-DIFLUORO-25-HYDROXY-VITAMINE D3 ET SON PROCEDE DE PREPARATION

L5 ANSWER 24 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN PROCESS FOR THE PREPARATION OF 1alpha,25-DIHYDROXYLATED VITAMIN D2 AND RELATED COMPOUNDS  
 TIFR PROCEDE DE PREPARATION DE LA VITAMINE D21alpha,25-DIHYDROXYLEE ET DES COMPOSES APPARENTES

L5 ANSWER 25 OF 78 PCTFULL COPYRIGHT 2001 MicroPatent  
 TIEN 26,26,26,27,27-HEXAFLUORO-1alpha,25-DIHYDROXYCHOLECALCIFEROL AND PROCESS FOR PREPARING SAME  
 TIFR 26, 26, 26, 27, 27, 27-HEXAFLUORO-1alpha,25-DIHYDROXYCHOLECALCIFEROL ET SON PROCEDE DE PREPARATION

L5 ANSWER 26 OF 78 USPATFULL  
 TI 2-alkyl-19-nor-vitamin D compounds

L5 ANSWER 27 OF 78 USPATFULL  
 TI Animal feed containing carboxylic acids

L5 ANSWER 28 OF 78 USPATFULL  
 TI 2-alkyl-19-nor-vitamin D compounds

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L5 ANSWER 29 OF 78 USPATFULL  
TI Method of treating diseases resulting from calcium metabolism disorders

L5 ANSWER 30 OF 78 USPATFULL  
TI 18-substituted-19-nor-vitamin D compounds

L5 ANSWER 31 OF 78 USPATFULL  
TI 2-alkylidene-19-nor-vitamin D compounds

L5 ANSWER 32 OF 78 USPATFULL  
TI Low **phosphorus** animal **feed** containing  
1.alpha.-hydroxylated vitamin D compounds and method of preparing

L5 ANSWER 33 OF 78 USPATFULL  
TI Treatment of immune deficiency with vitamin D compounds

L5 ANSWER 34 OF 78 USPATFULL  
TI 2-alkylidene-19-nor-vitamin D compounds

L5 ANSWER 35 OF 78 USPATFULL  
TI Homologated vitamin D<sub>2</sub> compounds and the corresponding  
1.alpha.-hydroxylated derivatives

L5 ANSWER 36 OF 78 USPATFULL  
TI Prevention of hyperphosphatemia in kidney disorder patients

L5 ANSWER 37 OF 78 USPATFULL  
TI Method of treating post menopausal osteoporosis with hexafluoro-vitamin  
D

L5 ANSWER 38 OF 78 USPATFULL  
TI Homologated vitamin D<sub>2</sub> compounds and the corresponding  
1.alpha.-hydroxylated derivatives

L5 ANSWER 39 OF 78 USPATFULL  
TI 26,27-dimethylene-1.alpha.,25-dihydroxyvitamin D<sub>2</sub> and  
26,27-dimethylene-24-EPI-1.alpha.,25-dihydroxyvitamin D<sub>2</sub> and  
methods for preparing same

L5 ANSWER 40 OF 78 USPATFULL  
TI 26,27-dimethylene-1.alpha.,25-dihydroxyvitamin D<sub>2</sub> and 26,  
27-dimethylene-24-epi-1.alpha., 25-dihydroxyvitamin D<sub>2</sub> and methods  
for preparing same

L5 ANSWER 41 OF 78 USPATFULL  
TI 26,28-methylene-1.alpha.,25-dihydroxyvitamin D<sub>2</sub> compounds

L5 ANSWER 42 OF 78 USPATFULL  
TI Homologated vitamin D<sub>2</sub> compounds and the corresponding  
1.alpha.-hydroxylated derivatives

L5 ANSWER 43 OF 78 USPATFULL  
TI Method of treating osteoporosis with 1.alpha.,24(R)-dihydroxy-22(E)-  
dehydro-vitamin D<sub>3</sub>

L5 ANSWER 44 OF 78 USPATFULL  
TI Method of treating osteoporosis with 1  
.alpha.25-dihydroxy-22(E)-dehydro-

vitamin D.sub.3

L5 ANSWER 45 OF 78 USPATFULL

TI 26,28-methylene-1.alpha., 25-dihydroxyvitamin D.sub.2 compounds

L5 ANSWER 46 OF 78 USPATFULL

TI Homologated vitamin D.sub.2 compounds and the corresponding 1.alpha.-hydroxylated derivatives

L5 ANSWER 47 OF 78 USPATFULL

TI Compounds effective in inducing cell differentiation and process for preparing same

L5 ANSWER 48 OF 78 USPATFULL

TI Process for the preparation of 1 alpha,25-dihydroxylated vitamin D.sub.2 and related compounds

L5 ANSWER 49 OF 78 USPATFULL

TI Compounds effective in inducing cell differentiation and process for preparing same

L5 ANSWER 50 OF 78 USPATFULL

TI Hydroxylated 24-homo-vitamin D derivatives and methods for preparing same

L5 ANSWER 51 OF 78 USPATFULL

TI Hydroxylated 26-homo vitamin D derivatives and methods for preparing same

L5 ANSWER 52 OF 78 USPATFULL

TI Fowl bone mineralization with 28-NOR 1.alpha.-hydroxyvitamin D.sub.2 analogs

L5 ANSWER 53 OF 78 USPATFULL

TI Sidechain homo-vitamin D compounds with preferential anti-cancer activity

L5 ANSWER 54 OF 78 USPATFULL

TI 26,26,26,27,27-pentafluoro-1.alpha.-hydroxy-27-methoxyvitamin D.sub.3

L5 ANSWER 55 OF 78 USPATFULL

TI 2.alpha.-fluorovitamin D.sub.3

L5 ANSWER 56 OF 78 USPATFULL

TI Method for treating metabolic bone disease in mammals

L5 ANSWER 57 OF 78 USPATFULL

TI 1,24-dihydroxy-.DELTA..sup.22 -vitamin D.sub.3 and process for preparing same

L5 ANSWER 58 OF 78 USPATFULL

TI 23,23-Difluoro-25-hydroxy-vitamin D.sub.3 and process for preparing same

L5 ANSWER 59 OF 78 USPATFULL

TI 23,23-Difluoro-1.alpha.,25-dihydroxy-vitamin D.sub.3

L5 ANSWER 60 OF 78 USPATFULL  
TI 23,23-Difluoro-1.alpha.,25-dihydroxy-vitamin D.sub.3

L5 ANSWER 61 OF 78 USPATFULL  
TI 23,23-Difluoro-25-hydroxy-vitamin D.sub.3 and process for preparing same

L5 ANSWER 62 OF 78 USPATFULL  
TI Method for inducing molting in laying hens

L5 ANSWER 63 OF 78 USPATFULL  
TI 26,26,26,27,27,27-Hexafluoro-1.alpha.,25-dihydroxycholecalciferol and process for preparing same

L5 ANSWER 64 OF 78 USPATFULL  
TI Method for preventing parturient paresis in dairy cattle

L5 ANSWER 65 OF 78 USPATFULL  
TI 1.alpha., 25-dihydroxy-2.beta.-fluorovitamin D.sub.3

L5 ANSWER 66 OF 78 USPATFULL  
TI Process for preparing 24-fluoro-25-hydroxycholecalciferol

L5 ANSWER 67 OF 78 USPATFULL  
TI 23,25-Dihydroxyvitamin D.sub.3

L5 ANSWER 68 OF 78 USPATFULL  
TI 1.alpha.-hydroxy-25-keto-27-nor-cholecalciferol and processes for preparing same

L5 ANSWER 69 OF 78 USPATFULL  
TI 1.alpha.-Hydroxy-2.beta.-fluorocholecalciferol

L5 ANSWER 70 OF 78 USPATFULL  
TI 25-Hydroxy-26,26,26,27,27,27-hexafluorocholecalciferol

L5 ANSWER 71 OF 78 USPATFULL  
TI Derivatives of 25-hydroxycholecalciferol

L5 ANSWER 72 OF 78 USPATFULL  
TI 24,24-Difluoro-1.alpha.,25-dihydroxycholecalciferol

L5 ANSWER 73 OF 78 USPATFULL  
TI Derivatives of 25-hydroxycholecalciferol

L5 ANSWER 74 OF 78 USPATFULL  
TI Anti-vitamin D compounds

L5 ANSWER 75 OF 78 USPATFULL  
TI 24,24-Difluoro-1.alpha.,25-dihydroxycholecalciferol

L5 ANSWER 76 OF 78 USPATFULL  
TI 24,24-Difluoro-25-hydroxycholecalciferol

L5 ANSWER 77 OF 78 USPATFULL  
TI Method of treating milk fever in dairy cattle with 1,25-dihydroxycholecalciferol

L5 ANSWER 78 OF 78 USPATFULL  
TI 1.alpha.-HYDROXYCHOLECALCIFEROL